Sent By: Crawford PLLC;

651686 7111;

Oct-29-03 2:42PM;

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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:

Dally et al.

Examiner:

Lane, J.

Serial No.:

09/394,222

Group Art Unit:

2188

Waitigney

Filed:

September 13, 1999

Docket No.: (NEW)

STFD.073PA

(S97-245)

Title:

SYSTEM AND METHOD FOR RE-ORDERING MEMORY

REFERENCES IN A MEMORY CONTROL SYSTEM TO SPEED

ACCESS TO MEMORY CELLS

CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence and the papers, as described hereinabove, are being transmitted via facsimile, to the attention of Examiner Lane at Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on October 61, 2003.

REVOCATION AND POWER OF ATTORNEY

Facsimile No.: 703-746-7239

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Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450 OCT 2 9 2003

Sir:

Please revoke any existing Powers of Attorney, if any, and appoint the following attorneys and/or patent agents to prosecute this application and to transact all business in the U.S. Patent and Trademark Office in connection therewith:

Robert J. Crawford.

Reg. No. 32,122

LeRoy D. Maunu

Reg. No. 35,274

and other attorneys of Crawford Maunu PLLC

## Certificate Under 37 C.F.R. § 3.73(b)

The Board of Trustees of the Leland Stanford Junior University, an entity organized and existing under the laws of the State of California, having a place of business in Palo Alto, California; and the Massachusetts Institute of Technology University, an entity organized and existing under the laws of Massachusetts, having a place of business in Cambridge, Massachusetts, certify that they are the joint assignees of the entire right, title, and interest in the patent application identified above by virtue of an assignment recorded at Reel 010352, Frame 0114 (copy attached) from the inventors of the patent application identified above.

App. Serial No. 09/394,222 Revocation and Power of Attorney STFD.073PA (S97-245) Page 2 of 2

The undersigned individuals have reviewed all the documents in the chain of title of the patent application identified above and, to the best of undersigned individual's knowledge and belief, title is in the assignees identified above.

The undersigned individuals are empowered to sign this statement on behalf of the assignees.

We hereby declare that all statements made herein of our own knowledge are true, and that all statements made on information and belief are believed to be true; and further, that these statements are made with the knowledge that willful false statements, and the like so made, are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Please direct all correspondence in this application to:

Robert J. Crawford CRAWFORD MAUNU PLLC 1270 Northland Drive, Suite 390 St. Paul, MN 55120 **OFFICIAL** 

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OCT 2 9 2003

Date: Oct 21, 2003

Sy: NAME

Title: <u>Director of the Office of Technology</u>
Licensing, Stanford University

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Page 4/6

App. Serial No. 09/394,222 Revocation and Power of Attorney STFD.073PA (S97-245) Page 2 of 2

The undersigned individuals have reviewed all the documents in the chain of title of the patent application identified above and, to the best of undersigned individual's knowledge and belief, title is in the assignces identified above.

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Please direct all correspondence in this application to:

Robert J. Crawford CRAWFORD MAUNU PLLC 1270 Northland Drive, Suite 390 St. Paul, MN 55120 RECEIVED
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OCT 2 9 2003

Date:	Ву:	VFFI
	Katharine Ku	-
	Title: <u>Director of the Office of Tec</u> Licensing, Stanford Universi	
Date: 10/17/03	By: Jan Thomas Printed Name: Porta M. Holipo	 ພາ <i>ເ</i> ຂ
	Title: Takes Almha Massachusetts Institute of Technology Licensing Office	

Washington, D.C. 20231



UNITED STATES DEPARTMENT OF COMMERCE Patent and Trademark Office ASSISTANT SECRETARY AND COMMISSIONER OF PATENTS AND TRADEMARKS

FEBRUARY 10, 2000

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PILLSBURY MADISON & SUTRO LLP DAVID A. JAKOPIN 1100 NEW YORK AVENUE, N.W. 9TH FLOOR, EAST TOWER WASHINGTON, D.C. 20005-3918



UNITED STATES PATENT AND TRADEMARK OFFICE NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 11/01/1999

REEL/FRAME: 010352/0114

NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR''S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

DALLY, WILLIAM J.

DOC DATE: 10/25/1999

ASSIGNOR:

RIXNER, SCOTT W.

DOC DATE: 10/21/1999

ASSICNEE:

MASSACHUSETTS INSTITUTE OF TECHNOLOGY UNIVERSITY, THE 77 MASSACHUSETTS AVE. CAMBRIDGE, MASSACHUSETTS 02142

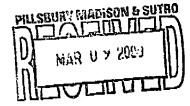
ASSIGNEE:

BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY, THE STANFORD, CALIFORNIA 94305

SERIAL NUMBER: 09394222 PATENT NUMBER:

ISSUE DATE:

FILING DATE: 09/13/1999



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651686 7111;

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010352/0114 PAGE 2

SHIRLIE SIMON, EXAMINER ASSIGNMENT DIVISION OFFICE OF PUBLIC RECORDS